WHAT IS CLAIMED IS:

1	1. A method for operating a storage system configured to provide a Write				
2	Once and Read Many (WORM) function, the method comprising:				
3	receiving a first command at a storage subsystem from a host; and				
4	storing at least a portion of the first command on a WORM storage device				
5	coupled to the storage subsystem,				
6	wherein the WORM storage device is used to verify the WORM function of				
7	the storage system.				
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1	2. The method of claim 1, further comprising:				
2	receiving a second command at the storage subsystem;				
3	examining the second command using a command filter, the filter being				
4	provided with a predetermined rule for filtering selected types of commands; and				
5	storing at least a portion of the second command if the second command				
6	satisfies the predetermined rule.				
,	2 The weether of a faire 2 subserving the common of filter in configured to				
1	3. The method of claim 2, wherein the command filter is configured to				
2	filter any command that affects data stored in a storage area of the storage subsystem,				
3	wherein the second command is not stored in the WORM storage device.				
1	4. The method of claim 3, wherein the command filter is configured to				
2	filter at least commands relating to ERASE, FORMAT, and WRITE operations.				
1	5. The method of claim 3, wherein the command is a Command				
2	Descriptor Block.				
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1	6. The method of claim 2, wherein the storage subsystem and the storage				
2	system are the same, the method further comprising:				
3	writing a subsystem configuration file in the WORM storage device whenever				
4	a subsystem configuration setting is changed.				
1	7. The method of claim 2, wherein the storage subsystem is a disk array				
2	unit having a storage area that is defined as a WORM storage area, wherein the subsystem				
3	configuration file is used to verify that data on a given storage device have not been changed				
	or to identify a physical address of a logical volume during auditing.				
4	or to identify a physical address of a logical volume during additing.				

1	8. The method of claim 2, wherein the command filter is configured to			
2	filter commands directed to a predetermined storage area in the storage subsystem, the			
3	predetermined storage area being defined as a WORM storage area.			
1	9. The method of claim 1, wherein at least portions of all commands are			
2	stored in the WORM device.			
1	10. The method of claim 1, further comprising:			
2	associating a serial number to the first command; and			
3	storing the serial number in the WORM storage device.			
1	11. The method of claim 10, further comprising:			
2	associating a timestamp to the first command; and			
3	storing the timestamp in the WORM storage device.			
1	12. The method of claim 10, wherein the WORM storage device includes a			
2	plurality of records representing a plurality of commands received by the storage subsystem,			
3	each of the commands being associated with a serial number, the serial numbers being used			
4	to sort the commands according to a given order prior to performing an audit of the storage			
5	subsystem.			
1	13. A method for providing a data archival function, comprising:			
2	storing at least portions of commands directed to a storage subsystem in a			
3	Write Once and Read Many (WORM) storage device, the commands being of a type that			
4	affects a content of data stored in a storage area of the storage subsystem; and			
5	associating a serial number to each of the commands, the serial number being			
6	useful for sorting the commands in a given order,			
7	wherein the WORM storage device includes a plurality of command records,			
8	the command records including the at least portions of the commands and the serial numbers,			
9	wherein the command records are useful for verifying whether or not a storage			
10	subsystem has maintain a WORM integrity.			
1	14. The method of claim 13, wherein the WORM storage device is coupled			
2	to a host computer, the method further comprising:			
3	decoupling the WORM device from the host computer to perform an audit to			
4	verify the WORM integrity of the storage subsystem,			

5	wherein the plurality of command records are sorted prior to performing the			
6	audit using the serial numbers.			
1	15. The method of claim 13, wherein the commands directed to the storage			
2	subsystems are filtered according to a predetermined rule.			
1	16. The method of claim 15, wherein the commands are filtered by			
2	examining operation codes associated with the commands or Logical Unit Numbers			
3	associated with the commands.			
1	17. A method for auditing a storage system, comprising:			
2	sorting a plurality of records stored in a Write Once and Read Many (WORM)			
3	storage device using serial numbers associated with the records, each record including			
4	information on a command sent to a storage subsystem;			
5	examining the information on the command for one of the records to retrieve			
6	address of a storage area to which the command was directed;			
7	obtaining an entry associated with the storage area from a bitmap of a plurality			
8	of storage areas of the storage subsystem; and			
9	determining whether or not there is an indication of a WORM violation using			
10	the obtained entry.			
1	18. The method of claim 17, further comprising:			
2	reporting a result of the determining step to an auditor; and			
3	updating the entry of the bitmap,			
4	wherein the information on the command is the command.			
1	19. The method of claim 17, wherein the WORM storage device is			
2	received from a host computer or the storage subsystem.			
1	20. An archival system, comprising:			
2	a controller to handle data requests from a host computer, each data request			
3	including a command;			
4	a command filter to select commands that satisfy a predetermined filtering			
5	rule;			
6	a Write Once and Read Many (WORM) storage device to store at least			
7	portions of the commands that have been selected by the command filter; and			

8	at least one storage area that has been defined as a WORM storage area for			
9	archiving data.			
1	21. The archival system of claim 20, wherein the archival system includes			
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۷	a storage subsystem and a host.			
1	22. The archival system of claim 21, wherein the WORM device is			
2	coupled to the storage subsystem.			
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1	23. The archival system of claim 20, wherein the archival system is a			
2	storage subsystem.			
1	24. The archival system of claim 20, further comprising:			
2	a terminal system including a WORM device reader to read information stored			
3	in the WORM device and a command checker to examine the information read from the			
4	WORM device.			
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1	25. A computer readable medium comprising a computer program for			
2	verifying an archival function, the computer program comprising:			
3	code for receiving a first command at a storage subsystem from a host;			
4	code for examining the first command using a predetermined rule;			
5	code for storing at least a portion of the first command on a WORM storage			
6	device coupled to the storage subsystem upon determining that the first command satisfies			
7	the predetermined rule;			
8	code for receiving a second command at the storage subsystem from the host;			
9	code for examining the second command using the predetermine rule; and			
10	not storing any portion of the second command upon determining that the			
11	second command does not satisfy the predetermined rule.			
1	26. An archival system, comprising:			
2	means for handling data requests from a host computer, each data request			
3	including a command;			
4	means for filtering commands using a predetermine filtering rule to obtain a			
5	selected command;			
6	means for storing the selected command to a Write Once and Read Many			
7	(WORM) storage device; and			
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8	means	for associating a serial number to the selected command that is stored		
9	in the WORM storage device.			
1	27.	A disk storage system, comprising:		
2	a contr	roller to handle data requests from a host computer, each data request		
3	including a command	cluding a command;		
4	a com	a command filter to select commands that satisfy a predetermined filtering		
5	rule; and			
6	a Write	e Once and Read Many (WORM) device writer operable to store at least		
7	a portion of the comm	rtion of the commands that have been selected by the command filter to a WORM		
8	storage device.			
1	28.	The system of claim 27, wherein the commands are used to verify a		
2	WORM integrity of the WORM storage device.			
1	29.	The system of claim 27, wherein the commands are used to identify a		
2	physical address of a logical volume.			
1	30.	The system of claim 27, wherein a physical address associated with a		
2	logical volume is identified by using a configuration table.			
1	31.	The system of claim 27, wherein subsystem configuration commands		
2	saved in the WORM	storage device are examined to validate a WORM integrity of the		
3	system.			